

**Remarks**

Reconsideration and allowance of the subject patent application are respectfully requested.

As requested, the title of the application has been changed.

The Abstract has been amended to refer to first and second IF amplifier circuits to address the issue noted in the office action. An amended Abstract on a separate sheet is included in the Appendix hereto.

Figure 4 has been amended to change the labels 30, 50, 150, 170, 230, 250 and 270 to 3, 5, 15, 17, 23, 25 and 27, respectively, for consistency with the specification. A corrected drawing sheet and an annotated drawing sheet showing the changes are included in the Appendix hereto.

The specification has been amended to correct minor informalities found during preparation of this response. Entry of these amendments to the specification is respectfully requested.

Applicant gratefully acknowledges the indication that claim 5 contains allowable subject matter. The subject matter of claim 5 and intervening claim 4 has been incorporated into claim 1 and thus claim 1 and its dependent claims 2 and 3 are believed to be allowable. Minor clarifying amendments have been made to claim 1 to specify that the input filter circuit receives signals from the input selector circuit and that the phase-locked loop circuit constitutes the phase-locked loop together with each voltage-controlled oscillator.

New claims 6 and 7 have been added. The subject matter of these claims is fully supported by the original disclosure and no new matter is added. Claim 6 incorporates subject matter that has been identified as being allowable and thus this claim and claim 7 that depends therefrom are believed to be allowable.

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**Serial No. 09/975,997**  
**Response to office action dated March 31, 2004**

The pending claims are believed to be allowable and favorable office action is respectfully requested. Should any issues remain, the Examiner is invited to telephone the undersigned at the number listed below.

Respectfully submitted,

**NIXON & VANDERHYE, P.C.**

By:

A handwritten signature in cursive script, appearing to read "Michael J. Shea", written over a horizontal line.

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